

✔ [The transverse thermal conductivity coefficients of wild cherry wood heat-treated using the...](#)

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✔ [Effect of heat treatment duration on the thermal conductivity of spruce and poplar wood](#)

Z Pásztor, N Horváth, Z Börcsök - *European Journal of Wood and Wood ...*, 2017 - Springer

Abstract Changes in the thermal conductivity and density of Pannónia poplar (*Populus x euramericana* cv. Pannónia) and spruce (*Picea abies*) caused by heat treatment were examined. The specimens were treated at 180° C for 15, 25 and 35 h. Treatment duration ...

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✔ [Thermal conductivity of solid wood panels made from heat-treated spruce and limewood strips](#)

CM Olarescu, M Campean, C Coșereanu - *Pro Ligno*, 2015 - [proligno.ro](#)

The paper presents the results of an experimental research performed with spruce (*Picea abies* L.) and lime (*Tilia cordata*) wood originating from the Stroesti-Arges region in Romania. Solid wood panels were manufactured from heat-treated strips, and also from ...

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✔ [EFFECTS OF HEAT TREATMENT ON THERMAL CONDUCTIVITY OF ASH AND BIRCH WOOD SPECIES](#)

HŞ KOL, K GÜNDÜZ - *İİİİİ INTERNATIONAL FURNITURE ...*, 2016 - [researchgate.net](#)

In this research, the effect of heat treatment on thermal conductivity of ash (*Fraxinus excelsior*) and birch (*Betula pendula*) wood species was evaluated. For this purpose, the radial samples were heat-treated at the temperatures of 170 C, 190 C and 210 C in the ...

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✔ [Temperature dependence of thermal conductivity of heat-treated rubberwood](#)

S Srivaro, Z Börcsök, Z Pásztor - *Wood Material Science & ...*, 2019 - Taylor & Francis

This paper aimed to investigate the temperature dependence of thermal conductivity of heat-treated rubberwood (HTR). Rubberwood specimens were thermally treated at 180° C with three different durations of 15, 25 and 35 h, respectively. Thermal conductivity values of HTR ...

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✔ [Изменение теплопроводности древесины ели и тополя при термической обработке](#)

З Пастори, Н Хорват, З Борчок... - *Лесной вестник ...*, 2019 - [les-vest.msfu.ru](#)

Термическая модификация древесины в последние десятилетия является одним из наиболее динамично развивающихся направлений научных исследований в области деревообработки. Поскольку термообработанная древесина используется в качестве ...

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✔ [Determination of some physical properties of heat treated Oriental alder \(*Alnus orientalis*\) and Spruce \(*Picea orientalis*\) wood in different heat treatment ...](#)

HŞ KOL - [researchgate.net](#)

Thermal modification at different temperatures especially at high temperatures is an effective method to change chemical, physical, and mechanical properties of wood. In this study, some physical properties of heat treated oriental alder and spruce wood at temperatures ...

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✔ [THE INTERNATIONAL FOREST PRODUCTS CONGRESS](#)

Y TOP, H ADANUR, M OZ - *PROCEEDINGS BOOK*, 2018 - [researchgate.net](#)

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